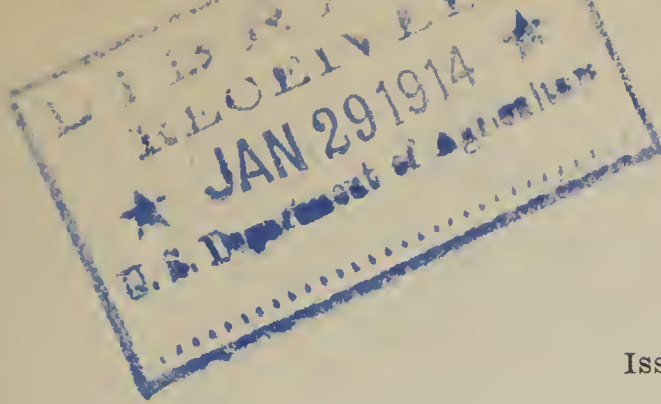


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Issued January 15, 1914.

UNITED STATES DEPARTMENT OF AGRICULTURE,  
FOREST SERVICE.

HENRY S. GRAVES, Forester.

# January Field Program, 1914.

This program of field work and assignments in the Forest Service is issued quarterly on the 15th day of July, October, January, and April, and is for the exclusive use of members of the Service and cooperating bureaus. The names of members whose assignments are not yet fixed are necessarily omitted. All orders and other instructions printed in the Field Program will apply to all districts.

It is requested that the members of the Forest Service cooperate in making this program complete and accurate.

Unless the address of a member is given in this program or is definitely known, he should be addressed in care of the Forest Service, Washington, D. C.

## OFFICE OF THE FORESTER.

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Study of forest conditions in North Carolina in cooperation with State Geological and Economic Survey.—J. S. Holmes, Chapel Hill.

Compilation of State forest laws.—Miss J. S. Peyton.

FOREST INVESTIGATIONS.—RAPHAEL ZON, chief; S. T. DANA, assistant chief.

Studies.—E. H. Frothingham, W. D. Sterrett, C. R. Tillotson, G. N. Lamb, W. R. Mattoon, G. E. Clement, C. H. Shinn.

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## GRAZING.

A. F. POTTER, associate forester, in charge; L. F. KNEIPP, assistant forester; WILL C. BARNES, inspector of grazing.

GRAZING STUDIES (in cooperation with F. V. Coville, botanist, Bureau of Plant Industry).—James T. Jardine, inspector of grazing, in charge, Washington, D. C.

Forage investigations.—William A. Dayton, plant ecologist, Washington, D. C.

William R. Chapline, grazing assistant, Washington, D. C.

## LANDS.

JAMES B. ADAMS, assistant forester, in charge; W. J. MANGAN, examiner.

LAND CLASSIFICATION.———, in charge; ROBERT V. R. REYNOLDS, forest examiner.

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SETTLEMENT.—F. L. HARVEY, in charge.

BOUNDARIES.—H. E. WOOLLEY, in charge.

WATER POWER.—O. C. MERRILL, chief engineer; T. W. NORCROSS, assistant chief engineer.

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## PRODUCTS.

W. B. GREELEY, assistant forester, in charge.

FOREST PRODUCTS LABORATORY (in cooperation with the University of Wisconsin, Madison, Wis.).—HOWARD F. WEISS, director.

H. S. BETTS and CARLILE P. WINSLOW, administrative assistants.

ADVISORY BOARD.—Dr. W. K. Hatt, mechanical and civil engineer, Purdue University; Prof. Charles F. Burgess, chemical engineer, and Dr. L. R. Ingersoll, professor of physics, University of Wisconsin.

Design of laboratory equipment.—ROLF THELEN.

Review of results.—FRANK J. HALLAUER.

CHEMISTRY AND DISTILLATION.—ERNEST BATEMAN, acting in charge; A. W. Schorger, F. W. Kressman, R. C. Palmer, Geo. E. Hunt, Homer Cloukey, Lester E. Cover.

ENGINEERING.—A. L. HEIM, in charge; James O. Bixby, O. M. Sutherland, Harry N. Knowlton.

MAINTENANCE.—CHAS. P. JUCKEM, in charge.



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**WOOD PRESERVATION.**—CLYDE H. TEESDALE, in charge; H. M. Mason, jr., James D. MacLean, Robt. E. Prince.

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**LUMBERMAN'S EXAMINATIONS.**—C. D. Cushing, E. D. Fletcher, and George E. Marshall, Washington, D. C.

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examiner, in charge, Townsend, Tenn., and W. J. Damtoft, forest assistant; Pisgah Area, J. J. Fritz, forest examiner, in charge, Highlands, N. C.; Savannah Area, R. W. Shields, forest examiner, in charge, Clayton, Ga.; H. G. Spahr, forest assistant; Georgia Area, E. V. Clark, forest examiner, in charge, Blue Ridge, Ga.; Cherokee Area, H. L. Johnson, forest examiner, in charge, Etowah, Tenn., H. L. Russell and S. H. Thompson, forest examiners, and H. M. Sears, forest assistant; Alabama Area, C. E. Beaumont, forest examiner, Haleyville, Ala.

**SURVEY OF LANDS.**—RUDOLPH DIEFFENBACH, forest examiner, in charge; Robert G. Merritt, forest examiner, Arthur E. Hoxie, examiner of surveys, Washington, D. C.; Potomac Area, A. M. Ockerblad, Alfred P. Hamilton, examiners of surveys, and C. E. Benedum, transitman in charge, Woodstock, Va.; Massanutten Area, E. F. Benedum and Edward R. Conrad, examiners of surveys, Woodstock, Va.; Mount Mitchell Area, Dave M. Gibson, examiner of surveys, Marion, N. C.; Nantahala Area, James Denman, examiner of surveys, Andrews, N. C.; Georgia Area, Thomas A. Cox, jr., examiner of surveys, Blue Ridge, Ga.; Unaka Area, Robert E. Witt, examiner of surveys, Etowah, Tenn.; Savannah Area, Frederick A. Gardner, Leon C. Marshall, Samuel L. Chiles, William N. Sloan, and Harold G. Wood, examiners of surveys, Clayton, Ga.; Monongahela Area, Roy L. McGuire, examiner of surveys, Elkins, W. Va.; Shenandoah Area, E. L. Merrill, examiner of surveys, Harrisonburg, Va.; Natural Bridge Area, C. F. Muzzey, examiner of surveys, Natural Bridge, Va.

**ADMINISTRATION OF ACQUIRED LANDS.**—K. W. WOODWARD, forest inspector, in charge, Washington, D. C.

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## DISTRICT 1.

Montana, northeastern Washington, northern Idaho, northwestern South Dakota, and southwestern North Dakota. Office, Federal Building, Missoula, Mont.

F. A. SILCÓX, district forester; E. W. KRAMER, district engineer.

**LAW.**—Office of the Solicitor (Forest Service branch). D. F. McGOWAN, assistant to the solicitor, in charge.

**ACCOUNTS.**—JOHN A. URBANOWICZ, district fiscal agent.

**OPERATION.**—J. F. PRESTON, assistant district forester; R. B. ADAMS, superintendent of telephone construction.

MAINTENANCE.—GARDNER I. PORTER.

SILVICULTURE.—D. T. MASON, assistant district forester; DORR SKEELS and H. F. ELLARD, logging engineers.

TIMBER SALES.—DONALD BRUCE.

PLANTING.—H. H. FARQUHAR.

S. S. J. MALVEN, insect control.

JAMES R. WEIR, consulting pathologist, Missoula, Mont.

GRAZING.—C. H. ADAMS, assistant district forester.

STUDIES.—CHAS. E. FLEMING, grazing examiner.

LANDS.—R. H. RUTLEDGE, assistant district forester; JOHN D. JONES, assistant.

CLAIMS.—P. J. O'BRIEN.

PRODUCTS.—P. R. HICKS.

## EXPERIMENT STATION.

Priest River, Kaniksu National Forest.—DONALD R. BREWSTER, in charge, Priest River, Idaho.

## NATIONAL FORESTS.

### IDAHO.

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Coeur d'Alene.—MEYER H. WOLFF, acting forest supervisor, Coeur d'Alene (WU-Am); Fred R. Mason, deputy forest supervisor; W. W. Morris and F. I. Rockwell, forest examiners.

Kaniksu.—See Washington.

Nezperce.—GEORGE V. RING, forest supervisor, Grangeville (WU-Am); J. Arthur Brown, deputy forest supervisor.

Pend Oreille.—J. A. FITZWATER, forest supervisor, Sandpoint (WU-Am, N, W); R. Trevor Ferguson, deputy forest supervisor.

Selway.—CHARLES F. HOWELL, acting forest supervisor, Kooskia (WU-N).

St. Joe.—EDWARD A. HOLCOMB, acting forest supervisor, St. Maries (Continental-WF); Wilford B. Willey and Richard C. Eggleston, forest examiners; C. H. Gregory, lumberman.

### MONTANA.

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Beartooth.—GLEN A. SMITH, forest supervisor, Billings (WU-Am, N); Arthur H. Abbott, deputy forest supervisor.

Beaverhead.—C. K. WYMAN, forest supervisor, Dillon (WU-Am); John E. David, deputy forest supervisor.



- Bitterroot.**—W. W. WHITE, forest supervisor, Missoula (WU-Am, N); Herbert F. Lindsay, forest assistant.
- Blackfeet.**—R. P. McLAUGHLIN, forest supervisor, Kalispell (WU-Am, GN); Charles E. Baker, forest assistant.
- Cabinet.**—CLAUDE W. GRIFFIN, forest supervisor, Thompson Falls (WU-Am, N); Carl M. Stevens, forest assistant.
- Custer.**—GEORGE E. MARTIN, forest supervisor, Miles City (WU-Am, N).
- Deerlodge.**—LEWIS C. STOCKDALE, forest supervisor, Anaconda (P-Am, N); C. N. Whitney, C. R. Clark, and J. C. Whitham, forest examiners.
- Flathead.**—FRANK A. FENN, acting forest supervisor, Kalispell (WU-Am, GN); John H. Clack, deputy forest supervisor.
- Gallatin.**—D. T. CONKLING, forest supervisor, Bozeman (WU-Am, N); Howard E. West, forest assistant.
- Helena.**—J. B. SEELY, forest supervisor, Helena (WU-Am, N); Waldo D. Barlow, forest assistant.
- Jefferson.**—SCOTT LEAVITT, forest supervisor, Great Falls (WU-Am, N); Wellman Holbrook, deputy forest supervisor; Adrian C. Adams, forest assistant.
- Kootenai.**—WILLIAM A. RAYMOND, acting forest supervisor, Libby (WU-Am, GN); William C. Latane, deputy forest supervisor; Webster H. Ransom, John C. Ketridge, and Justin K. Dwinelle, forest examiners.
- Lewis and Clark.**—THOMAS C. SPAULDING, forest supervisor, Chouteau (WU via Collins-Am, GN via Collins).
- Lolo.**—ELERS KOCH, forest supervisor, Missoula (WU, P-Am, N); John E. Keach, forest examiner; William W. Bennett, forest assistant.
- Madison.**—B. W. CLARK, acting forest supervisor, Sheridan (WU-Am, N); Ralph E. Bodley and E. F. Jones, forest assistants.
- Missoula.**—RUTLEDGE PARKER, forest supervisor, Missoula (WU, P-Am, N); Fay G. Clark, forest assistant.
- Sioux.**—See South Dakota.

## NORTH DAKOTA.

- Dakota.**—C. A. BALLINGER, forest supervisor, Camp Crook, S. Dak. (WU via Bellefourche-Am via Bellefourche).

## SOUTH DAKOTA.

- Sioux.**—C. A. BALLINGER, forest supervisor, Camp Crook (WU via Bellefourche-Am via Bellefourche).

## WASHINGTON.

- Kaniksu.**—M. N. STICKNEY, forest supervisor, Newport (WU-Am, GN); J. F. Forsythe, deputy forest supervisor.

## DISTRICT 2.

Colorado, Wyoming, South Dakota, Nebraska, western Kansas, northern Michigan, and northern Minnesota. Office, Majestic Building, Denver, Colo.

**SMITH RILEY**, district forester; **E. LEONARD LUNDGREN**, hydro-electrical engineer.

**LAW**.—Office of the Solicitor (Forest Service branch). **GEORGE E. TROWBRIDGE**, assistant to the solicitor, in charge.

**ACCOUNTS**.—**H. I. LOVING**, district fiscal agent.

**OPERATION**.—**FRED W. MORRELL**, assistant district forester.

**MAINTENANCE**.—**F. H. CARROLL**.

**SILVICULTURE**.—**C. M. GRANGER**, assistant district forester; **J. H. POTTS**, forest examiner.

**PLANTING**.—**SEWARD D. SMITH**.

**FOREST INVESTIGATIONS**.—**C. G. BATES**.

**CARL HARTLEY**, consulting pathologist, Washington, D. C.

**GRAZING**.—**J. W. NELSON**, assistant district forester.

**STUDIES**.—**LYNN H. DOUGLAS**, grazing examiner.

**LANDS**.—**C. J. STAHL**, assistant district forester; **THOS. M. MOORMAN**, assistant.

### EXPERIMENT STATIONS.

**Fremont, Pike National Forest**.—**F. B. NOTESTEIN**, Manitou, Colo.

**Wagon Wheel Gap, Rio Grande National Forest**.—**PETER KEPLINGER**, Wagon Wheel Gap, Colo., and **H. C. Jones**, of the Weather Bureau.

### NATIONAL FORESTS.

#### COLORADO.

**Arapaho**.—**G. P. BARD**, forest supervisor, Fraser (WU-Ad); **Alva A. Simpson**, deputy forest supervisor; **Arthur T. Upson**, forest examiner; **Bruno R. Kudlich**.

**Battlement**.—**JOHN W. LOWELL, JR.**, forest supervisor, Colbran (WU-WF, G); **George Z. Mason**, forest examiner.

**Cochetopa**.—**EUGENE WILLIAMS**, forest supervisor, Saguache (WU-G); **Charles P. Bliss**, forest examiner.

**Colorado**.—**H. N. WHEELER**, forest supervisor, Fort Collins (WU-WF).

**Durango**.—**ERNEST W. SHAW**, forest supervisor, Durango (WU-G); **R. S. Wheeler**, forest examiner.

**Gunnison**.—**WILLIAM R. KREUTZER**, forest supervisor, Gunnison (WU-WF, G); **Harold L. Borden**, forest assistant.

**Hayden**.—See Wyoming.

**Holy Cross**.—**HARRY H. FRENCH**, forest supervisor, Glenwood Springs (WU-WF, G); **George R. Morrison**, forest examiner.

**La Sal.**—See Utah, District 4.

**Leadville.**—R. E. CLARK, forest supervisor, Leadville (WU, P-WF, G); J. E. Martin, forest examiner.

**Montezuma.**—RESS PHILLIPS, forest supervisor, Mancos (WU-G); Gordon Parker, forest examiner.

**Pike.**—THEO. SHOEMAKER, forest supervisor, Denver (WU, P-Ad, Am, G, US, WF); W. I. Hutchinson, forest examiner; V. A. Beede, Everard S. Keithley, forest assistants; Monument Nursery, W. H. Schrader, forest planting assistant, Monument; Richard T. Guthrie, forest assistant.

**Rio Grande.**—A. L. SWEITZER, forest supervisor, Monte Vista (WU-G); Walter F. Bowers, deputy forest supervisor; Jay Higgins, forest examiner.

**Routt.**—J. H. RATLIFF, forest supervisor, Steamboat Springs (WU-Ad); Ray Peck, deputy forest supervisor; P. J. Paxton, forest examiner.

**San Isabel.**—J. N. LANGWORTHY, forest supervisor, Westcliffe (WU-G); Albin G. Hamel, forest examiner.

**San Juan.**—H. EARL FRENCH, forest supervisor, Pagosa Springs (WU-G); A. F. C. Hoffman, forest examiner.

**Sopris.**—JOHN McLAREN, forest supervisor, Aspen (WU-WF, G); W. G. Baxter, forest examiner.

**Uncompahgre.**—HOWARD S. BUSHNELL, forest supervisor, Delta (WU-G); J. H. Ramskill, forest examiner.

**White River.**—JAMES A. BLAIR, forest supervisor, Meeker (WU-WF, G); Crosby A. Hoar, forest examiner.

#### KANSAS.

**Kansas.**—B. R. H. D'ALLEMAND, forest supervisor, Garden City (WU, P-WF); Garden City Nursery.

#### MICHIGAN.

**Marquette. }  
Michigan. }**—W. B. PIPER, forest supervisor, East Tawas (WU-Am).

#### MINNESOTA.

**Minnesota.**—G. E. MARSHALL, forest supervisor, Cass Lake (WU-Am, GN); Howard H. Richmond, forest assistant.

**Superior.**—LESLIE BROWNELL, forest supervisor, Ely (WU-GN); Victor C. Follenius, Philip A. Guibord, forest assistants.

#### NEBRASKA.

**Nebraska.**—Fred R. Johnson, forest examiner, Halsey (WU-Ad); Halsey Nursery, Theodore Krueger, forest assistant.

## SOUTH DAKOTA.

**Black Hills.**—PAUL D. KELLETER, forest supervisor, Deadwood (WU-Ad, Am); William Wiehe, deputy forest supervisor; Percy T. Smith, Huber C. Hilton, Myron W. Thompson, forest examiners; M. J. Sweeney, Roscoe B. Weaver, forest assistants.

**Harney.**—R. P. IMES, forest supervisor, Custer (WU-Ad); Richard A. Phillips, forest assistant.

## WYOMING.

**Bighorn.**—E. N. KAVANAGH, forest supervisor, Sheridan (WU-Ad); Andrew G. Stockwell, deputy forest supervisor; Earl S. Peirce, forest examiner.

**Bonneville.**—L. E. COOPER, forest supervisor, Dubois (WU-Am); Clarence E. Taylor, forest assistant.

**Bridger.**—H. C. HALL, forest supervisor, Pinedale (WU-Am).

**Hayden.**—JAMES BLACKHALL, forest supervisor, Encampment (WU, P-Am); Howard R. Flint, forest assistant.

**Medicine Bow.**—GEO. A. DUTHIE, forest supervisor, Laramie (WU, P-Am); D. S. Jeffers, deputy forest supervisor.

**Shoshone.**—R. W. ALLEN, forest supervisor, Cody (WU-Ad); Fred B. Agee, deputy forest supervisor.

**Sundance.**—LOUIS KNOWLES, forest supervisor, Sundance (WU-Ad, Am).

**Washakie.**—C. G. POOLE, forest supervisor, Lander (WU-Am).

## DISTRICT 3.

Arizona, New Mexico, and Oklahoma. Office, Luna-Otero Building, Albuquerque, N. Mex.

A. C. RINGLAND, district forester; E. LEONARD LUNDGREN, district engineer.

LAW.—Office of the Solicitor (Forest Service branch). J. O. SETH, assistant to the solicitor, in charge.

ACCOUNTS.—ALBERT MORRIS, district fiscal agent.

OPERATION.—A. O. WAHA, assistant district forester; A. S. PECK, assistant district forester, detail Washington office; J. F. MULLEN, forest examiner, in charge improvement and protection.

MAINTENANCE.—H. B. HAMMOND.

SILVICULTURE.—T. S. WOOLSEY, JR., assistant district forester; JOSEPH C. KIRCHER, forest examiner; ATHOL A. WYNNE, lumberman, and QUINCY RANGLES, forest examiner, timber sale inspection and check-scaling; P. P. PITCHLYNN, in charge reconnoissance.

GRAZING.—JOHN KERR, assistant district forester.

STUDIES.—R. R. HILL, grazing examiner; ARTHUR D. READ, forest examiner.



**LANDS.**—FRANK C. W. POOLER, assistant district forester; M. M. CHENEY, forest examiner; FREDERIC WINN, in charge of land classification. Entry survey: W. H. FINIGAN, surveyor, Tonto; W. G. TURLEY, surveyor, Crook.

### EXPERIMENT STATION.

**Fort Valley, Coconino National Forest.**—G. A. PEARSON, Flagstaff, Ariz.; Clarence F. Korstian, forest assistant.

### NATIONAL FORESTS.

#### ARIZONA.

**Apache.**—JOHN D. GUTHRIE, forest supervisor, Springerville (WU, P-WF); Clifford W. McKibbin, forest examiner; W. L. Schofield, forest assistant. Extension reconnaissance: Otto F. Swenson, forest examiner in charge; Earl W. Loveridge, forest assistant; Ward Shepard, forest assistant.

**Chiricahua.**—A. H. ZACHAU, forest supervisor, Portal, via Rodeo, N. Mex. (WU-WF).

**Coconino.**—WILLARD M. DRAKE, forest supervisor, Flagstaff (WU, P-WF); Thomas E. McCullough, Gordon T. Backus, and Herman Krauch, forest examiners; Murrell W. Talbot, forest assistant.

**Coronado.**—ROBERT J. SELKIRK, forest supervisor, Tucson (WU-WF).

**Crook.**—T. T. SWIFT, forest supervisor, Safford (WU-WF); Marinus Westveld, forest assistant.

**Prescott.**—C. H. HINDERER, forest supervisor, Prescott (WU-WF); J. C. McNelty, deputy forest supervisor; Edward P. Ancona, forest assistant.

**Sitgreaves.**—CHARLES H. JENNINGS, forest supervisor, Snowflake (WU, P-WF).

**Tonto.**—C. C. HALL, forest supervisor, Roosevelt (WU-WF); Reginald B. Forbes, forest assistant.

**Tusayan.**—HAROLD GREENE, forest supervisor, Williams (WU, P-WF); Robert L. Deering, deputy forest supervisor; George W. Kimball, forest assistant.

**Zuni.**—See New Mexico.

#### NEW MEXICO.

**Alamo.**—R. F. BALTHIS, forest supervisor, Alamogordo (WU-WF).

**Carson.**—RAYMOND E. MARSH, acting forest supervisor, Tres Piedras (WU-G). Aldo Leopold, forest supervisor (on leave).

**Chiricahua.**—See Arizona.

**Datil.**—W. H. GODDARD, forest supervisor, Magdalena (WU, P-WF); H. Basil Wales, forest examiner.

**Gila.**—DON P. JOHNSTON, forest supervisor, Silver City (WU, P-WF); Ausburn H. Douglas, deputy forest supervisor; N. Curtis Case, forest examiner; Fort Bayard Nursery, H. C. Turner, forest planting assistant.

**Jemez.**—FRANK E. ANDREWS, forest supervisor, Santa Fe (WU, P-G).  
**Lincoln.**—J. A. KINNEY, forest supervisor, Capitan (WU-WF).  
**Manzano.**—HUGH G. CALKINS, forest supervisor, Albuquerque (WU, P-WF).  
**Pecos.**—THOMAS R. STEWART, forest supervisor, Santa Fe (WU, P-WF); Ira T. Yarnall, forest assistant; Las Gallinas Nursery, H. D. Burrall, forest examiner; Thomas P. Reid, forest assistant.  
**Zuni.**—HUGH G. CALKINS, forest supervisor, Albuquerque (WU, P-WF).

#### OKLAHOMA.

**Wichita.**—FRANK RUSH, game warden, in charge, Cache (WU-WF).

### DISTRICT 4.

Utah, southern Idaho, western Wyoming, eastern and central Nevada, and northwestern Arizona. Forest Service Building, Ogden, Utah.

E. A. SHERMAN, district forester; J. P. MARTIN, district engineer.

**LAW.**—Office of the Solicitor (Forest Service branch). J. F. LAWSON, assistant to the solicitor, in charge.

**ACCOUNTS.**—Q. R. CRAFT, district fiscal agent.

**OPERATION.**—A. C. MCCAIN, assistant district forester.

**MAINTENANCE.**—FELIX T. MOORE.

**SILVICULTURE.**—O. M. BUTLER, assistant district forester; D. F. SEERY, logging engineer; D. M. LANG, S. C. SCRIBNER, scalers.

**PLANTING.**—J. M. FETHEROLF.

**COMPILATION RECONNAISSANCE DATA:** Wyoming National Forest.—R. A. STRETCH, forest supervisor; L. F. WATTS, forest assistant.

**GRAZING.**—HOMER E. FENN, assistant district forester.

**STUDIES.**—ALFRED E. ALDOUS, grazing examiner.

**LANDS.**—T. C. HOYT, assistant district forester; R. E. GERY, assistant; B. L. Wheeler, mineral examiner.

**SUPPLY DEPOT.**—A. M. SMITH, property clerk.

**PROPERTY AUDIT.**—J. G. FALCK, property auditor.

#### EXPERIMENT STATION.

**Utah, Manti National Forest.**—ARTHUR W. SAMPSON, in charge; E. R. Hodson, Ephraim, Utah.

### NATIONAL FORESTS.

#### ARIZONA.

**Dixie.**—See Utah.

**Kaibab.**—JAMES L. PELTON, forest supervisor, Kanab, Utah (WU-WF).

## IDAHO.

- Boise.**—E. GRANDJEAN, forest supervisor, Boise (WU-Am) ; M. S. Benedict, deputy forest supervisor ; Dana Parkinson, forest examiner.
- Cache.**—See Utah.
- Caribou.**—G. G. BENTZ, forest supervisor, Montpelier (WU-Am) ; L. W. Hastings, deputy forest supervisor ; J. H. Hull, forest assistant.
- Challis.**—DAVID LAING, forest supervisor, Challis (WU-Am).
- Idaho.**—HERBERT GRAFF, forest supervisor, McCall (WU-P).
- Lemhi.**—C. I. HUDDLE, forest supervisor, Mackay ; E. C. Sanford, forest assistant (WU-Am).
- Minidoka.**—WILLIAM MCCOY, forest supervisor, Oakley ; C. D. Simpson, forest assistant (WU-Am).
- Palisade.**—FRANK J. RYDER, forest supervisor, St. Anthony (WU-Am) ; C. F. Evans, forest assistant.
- Payette.**—GUY B. MAINS, forest supervisor, Emmett (WU-Am) ; Lawrence J. Phelan, deputy forest supervisor ; W. N. Sparhawk, forest examiner ; W. A. Smith, forest assistant.
- Pocatello.**—J. F. BRUINS, forest supervisor, Pocatello (WU-Am) ; Pocatello Nursery, Arthur P. Say, forest ranger.
- Salmon.**—JOHN A. PEARSON, forest supervisor, Salmon (WU-Am) ; S. S. Stewart, deputy forest supervisor ; Herman Work, forest examiner.
- Sawtooth.**—C. N. WOODS, forest supervisor, Hailey (WU-Am) ; Herbert G. McPheters and Samuel B. Locke, deputy forest supervisors.
- Targhee.**—CHESTER B. MORSE, forest supervisor, St. Anthony (WU-Am) ; Charles A. Beam, deputy forest supervisor ; J. W. Stokes, forest examiner.
- Weiser.**—J. B. LAFFERTY, forest supervisor, Weiser (WU-Am) ; W. M. Campbell, deputy forest supervisor ; A. E. Oman, forest examiner.

## NEVADA.

- Humboldt.**—S. B. ARTHUR, forest supervisor, Gold Creek (WU-WF).
- Moapa.**—THOMAS J. COLLINS, forest supervisor, Austin (WU-Am).
- Nevada.**—GEO. C. THOMPSON, forest supervisor, Ely (WU-WF).
- Ruby.**—JAMES M. RYAN, forest supervisor, Elko (WU-WF).
- Santa Rosa.**—W. W. BLAKESLEE, forest supervisor, Paradise.
- Toiyabe.**—THOMAS J. COLLINS, forest supervisor, Austin (WU, P-WF) ; R. D. Garver, forest assistant.

## UTAH.

- Ashley.**—W. M. ANDERSON, forest supervisor, Vernal (WU-WF) ; Lester E. Hitchcock, forest examiner.
- Cache.**—CLINTON G. SMITH, forest supervisor, Logan (WU-Am) ; E. C. Shepard, forest examiner.
- Dixie.**—JOHN RAPHAEL, forest supervisor, St. George (WU-WF).



- Fillmore.**—ERNEST WINKLER, forest supervisor, Richfield (WU-WF).  
**Fishlake.**—CARL B. ARENTSON, forest supervisor, Salina (WU-WF);  
 D. A. Arivee, forest assistant.  
**La Sal.**—J. W. HUMPHREY, forest supervisor, Moab (WU-WF).  
**Manti.**—A. W. JENSEN, forest supervisor, Ephraim (WU-WF); B. E.  
 Mattsson, deputy forest supervisor; J. C. Roak and E. S. Baker,  
 forest assistants.  
**Minidoka.**—See Idaho.  
**Pocatello.**—See Idaho.  
**Powell.**—GEO. H. BARNEY, forest supervisor, Escalante (WU-WF).  
**Sevier.**—O. C. SNOW, forest supervisor, Panguitch (WU-WF); A. G.  
 Hauge, forest assistant.  
**Uinta.**—W. I. PACK, forest supervisor, Provo (WU-WF); J. Carl  
 Allred, deputy forest supervisor; Nils B. Eckbo, forest examiner.  
**Wasatch.**—E. H. CLARKE, forest supervisor; Lee A. Harris, deputy forest  
 supervisor, Salt Lake City (WU, P-Am, WF); S. E. Bower, forest  
 assistant; Cottonwood Nursery, N. J. Fetherolf, forest planting  
 assistant; Beaver Creek Nursery, Asa L. Brower, forest examiner  
 in charge.

#### WYOMING.

- Ashley.**—See Utah.  
**Caribou.**—See Idaho.  
**Palisade.**—See Idaho.  
**Targhee.**—See Idaho.  
**Teton.**—R. E. MILLER, forest supervisor, Jackson (WU-Am); H. B.  
 Maris, forest examiner.  
**Wyoming.**—JAMES E. JEWELL, forest supervisor, Afton (WU-Am);  
 John E. Ingram, deputy forest supervisor.

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### DISTRICT 5.

California and southwestern Nevada. Office, First National Bank Building, San Francisco, Cal.

COERT DUBOIS, district forester; F. H. FOWLER, district engineer; J. L. MATHIAS, assistant to district engineer; CLARENCE WILEY, inspector of records.

LAW.—Office of the Solicitor (Forest Service branch). H. P. DECHANT, assistant to the solicitor, in charge; MAURY CURTIS, assistant to the solicitor.

ACCOUNTS.—A. W. SMITH, district fiscal agent.

OPERATION.—ROY HEADLEY, assistant district forester; WM. C. HODGE, JR., inspector of fire-protection plans; FREDERICK H. HAFLEY, telephone expert.

MAINTENANCE.—T. M. KENNEDY.



**SILVICULTURE.**—T. D. WOODBURY, assistant district forester; SWIFT BERRY, forest examiner; J. C. ELLIOTT, lumberman; H. N. ORMSBEE, logging engineer.

LOUIS MARGOLIN, forest examiner, reconnaissance.

**FOREST INVESTIGATIONS.**—L. T. LARSEN, forest examiner.

RALPH HOPPING, forest examiner, insect control.

E. P. MEINECKE, consulting pathologist; J. S. BOYCE, scientific assistant, San Francisco, Cal.

**GRAZING.**—JOHN H. HATTON, assistant district forester.

**LANDS.**—L. A. BARRETT, assistant district forester; CHAS. S. BROTHERS, assistant; W. H. FRIEDHOFF, mineral examiner; land classification—S. N. STONER, forest examiner, in charge of district; J. O. MORROW, deputy forest supervisor; P. L. DAY, forest examiner in charge of field parties.

**PRODUCTS.**—C. STOWELL SMITH, assistant district forester, in charge; C. A. KUPFER, forest examiner.

### EXPERIMENT STATIONS.

**Feather River, Plumas National Forest.**—J. A. MITCHELL, forest examiner in charge, Quincy, Cal.

**Converse, Angeles National Forest.**—EDWARD N. MUNNS, forest assistant, in charge. Seven Oaks, Redlands, Cal.

### NATIONAL FORESTS.

#### CALIFORNIA.

**Angeles.**—R. H. CHARLTON, forest supervisor, Los Angeles (WU, P-WF).  
**California.**—D. P. GODWIN, forest supervisor, Willows (P-WF); B. H.

Mace, deputy forest supervisor; S. W. Strothman, forest examiner.

**Cleveland.**—S. W. WYNNE, forest supervisor, San Diego (WU, P-WF).

**Eldorado.**—EVAN W. KELLEY, forest supervisor, Placerville (WU-WF);

George W. Lyons, forest examiner.

**Inyo.**—A. H. HOGUE, forest supervisor, Bishop (WU-WF).

**Kern.**—F. P. CUNNINGHAM, acting forest supervisor, Bakersfield (WU-WF).

**Klamath.**—W. B. RIDER, forest supervisor, Yreka (WU-WF); J. R. Hall, deputy forest supervisor; Douglas K. Noyes, forest examiner.

**Lassen.**—W. J. RUSHING, forest supervisor, Red Bluff (P-WF); Shirley W. Allen, deputy forest supervisor; R. H. Boerker, forest examiner; and Patrick Kennedy, lumberman, reconnaissance.

**Modoc.**—C. E. RACHFORD, forest supervisor; Alturas (P-WF); Vernon L. Bonner, deputy forest supervisor; Belknap C. Goldsmith, forest examiner.

**Mono.**—See Nevada.

- Monterey.**—N. H. SLOANE, forest supervisor, Arbolado (WU, Monterey-WF, Monterey).
- Plumas.**—D. N. ROGERS, forest supervisor, Quincy (WU, Keddie, Cal.-G); W. G. Durbin, deputy forest supervisor; George R. Orr, forest examiner.
- Santa Barbara.**—W. M. SLOSSON, forest supervisor, Santa Barbara (P-WF); H. G. Merrill, deputy forest supervisor; W. M. Moore, forest examiner.
- Sequoia.**—ALLAN B. PATTERSON, forest supervisor, Hot Springs, Tulare County (WU via Ducor-WF).
- Shasta.**—R. F. HAMMATT, forest supervisor, Sisson (P-WF); M. R. Tillotson, deputy forest supervisor; Stewart B. Show and Edward I. Kotok, forest examiners; Pilgrim Creek Nursery, Fred W. Graham, assistant forest ranger, in charge, McCloud.
- Sierra.**—P. G. REDINGTON, forest supervisor, Northfork (WU via Friant-WF, Friant); M. A. Benedict, deputy forest supervisor; Ernest G. Dudley and Cary Hill, forest examiners; Dwight C. Birch, forest assistant.
- Stanislaus.**—R. W. AYRES, forest supervisor, Sonora (WU-WF); T. C. West, deputy forest supervisor; J. V. Wulff, forest examiner.
- Tahoe.**—R. L. P. BIGELOW, forest supervisor, Nevada City (WU-WF); W. H. Gallaher, K. Mills, and Reese W. Taylor, forest examiners.
- Trinity.**—W. A. HUESTIS, forest supervisor, Weaverville (WU-WF); J. D. Coffman, deputy forest supervisor; Ernst V. Jotter and O. M. Evans, forest examiners.

## NEVADA.

**Eldorado.**—See California.

**Inyo.**—See California.

**Mono.**—WM. M. MAULE, forest supervisor, Gardnerville (WU-WF).

**Tahoe.**—See California.

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## DISTRICT 6.

Washington, Oregon, and Alaska. Office, Beck Building, Portland, Oreg.

GEO. H. CECIL, district forester; PHILIP H. DATER, district engineer.

LAW.—Office of the Solicitor (Forest Service branch). W. F. STALEY, assistant to the solicitor, in charge; EARL C. ARNOLD, assistant to the solicitor.

ACCOUNTS.—A. H. COUSINS, district fiscal agent.

OPERATION.—C. H. FLORY, assistant district forester.

MAINTENANCE.—SHIRLEY BUCK.

SILVICULTURE.—F. E. AMES, assistant district forester; C. S. JUDD, assistant district forester; W. H. GIBBONS, investigation of log-

ging costs; W. T. ANDREWS and C. H. WOODCOCK, logging engineers; EDWIN C. ERICKSON and L. A. NELSON, scalers.

PLANTING.—J. F. KÜMMEL and C. P. WILLIS, forest examiners.

FOREST INVESTIGATIONS.—T. T. MUNGER, forest examiner.

J. F. PERNOT, forest examiner, insect control.

GRAZING.—T. P. MACKENZIE, assistant district forester.

LANDS.—C. J. BUCK, assistant district forester; land classification, J. ROY HARVEY, forest examiner.

PRODUCTS.—H. B. OAKLEAF, in charge; C. W. Dunning, Portland; O. P. M. Goss, C. W. Zimmerman, Cornelius Barry, Seattle, Wash.

### EXPERIMENT STATION.

Wind River, Columbia National Forest.—JULIUS V. HOFMANN, forest assistant, in charge, Portland, Oreg.

### NATIONAL FORESTS.

#### ALASKA.

Chugach.—W. G. WEIGLE, forest supervisor, Ketchikan (SC, U. S. A., WU-AP, Am); Thomas M. Hunt, deputy forest supervisor; Bruce Hoffman, forest examiner.

Tongass.—W. G. WEIGLE, forest supervisor, Ketchikan (SC, U. S. A., WU-AP, Am); S. S. Swenning, deputy forest supervisor.

#### OREGON.

Cascade.—C. R. SEITZ, forest supervisor, Eugene (WU, P-WF).

Crater.—M. L. ERICKSON, forest supervisor, Medford (WU, P-WF); E. H. MacDaniels, deputy forest supervisor; H. D. Foster, William E. White, forest examiners.

Deschutes.—MELVIN L. MERRITT, forest supervisor, Bend (WU, PT & T-GN); W. J. Sproat, forest assistant.

Fremont.—GILBERT D. BROWN, forest supervisor, Lakeview (WU via Reno, Nev-P; WF); Norman G. Jacobson, forest examiner.

Klamath.—See California.

Malheur.—CY. J. BINGHAM, forest supervisor, John Day (WU via Baker-Am, WF via Baker); Carl B. Neal, forest assistant.

Minam.—EPHRAIM BARNES, acting forest supervisor, Baker (WU-Am).

Ochoco.—HOMER ROSS, forest supervisor, Prineville (WU, PT & T-Am); Allen Hodgson, deputy forest supervisor; F. S. Fuller, forest assistant.

Oregon.—T. H. SHERRARD, forest supervisor, Portland (WU, P-Am, WF, N); Ralph S. Shelley, deputy forest supervisor; W. B. Osborne, forest examiner.

Paulina.—Apportioned for administrative purposes to the Deschutes, the Fremont, and the Crater.

- Santiam.**—F. H. BRUNDAGE, forest supervisor, Albany (WU, P-WF); A. R. Wilcox, forest examiner.
- Siskiyou.**—N. F. MACDUFF, forest supervisor, Grants Pass (WU, P-WF); D. B. Reynolds, deputy forest supervisor; H. Haefner, forest examiner.
- Siuslaw.**—H. B. RANKIN, forest supervisor, Eugene (WU, P-WF); S. C. Beach, deputy forest supervisor; H. M. Johnson, forest examiner.
- Umatilla.**—W. W. CRYDER, forest supervisor, Heppner (WU, P-AM).
- Umpqua.**—S. C. BARTRUM, forest supervisor, Roseburg (WU, P-WF); George Bonebrake, deputy forest supervisor; A. F. Kerr, forest examiner; G. Y. Baker, forest assistant.
- Wallowa.**—H. W. HARRIS, forest supervisor, Wallowa (WU-Am); N. J. Billings, deputy forest supervisor; R. L. Hensel and E. H. Steffen, forest assistants.
- Wenaha.**—See Washington.
- Whitman.**—HENRY IRELAND, forest supervisor, Sumpter (WU via Baker-Am, WF via Baker); R. M. Evans, deputy forest supervisor; T. J. Starker, forest assistant.

## WASHINGTON.

- Chelan.**—G. W. MILHAM, forest supervisor, Chelan (PT & T-Am, GN via Wenatchee).
- Columbia.**—A. E. COHOON, forest supervisor, Portland, Oreg. (WU, P-Am, WF, N); W. W. G. Hastings, deputy forest supervisor; L. Wernoted, forest examiner; C. P. Willis, forest examiner.
- Colville.**—C. C. REID, forest supervisor, Republic (WU, P-Am, GN); F. W. Cleator, deputy forest supervisor; W. J. Paeth, forest assistant.
- Okanogan.**—H. M. HALE, forest supervisor, Okanogan (PT & T-Am, GN via Wenatchee); V. V. Harpham, deputy forest supervisor; G. L. Drake and A. W. Hodgman, forest assistants.
- Olympic.**—R. L. FROMME, forest supervisor, Olympia (WU, P-Am, GN, N); A. A. Parker, deputy forest supervisor; E. J. Hanzlik, forest assistant.
- Rainier.**—G. F. ALLEN, forest supervisor, Tacoma (WU, P-Am, N); P. T. Harris, deputy forest supervisor; E. J. Fenby, forest examiner.
- Snoqualmie.**—STANTON G. SMITH, forest supervisor, Seattle (WU, P-N, GN, WF); Lewis A. Treen, jr., deputy forest supervisor; Walter H. Leve and Alexander G. Jackson, forest examiners.
- Washington.**—C. H. PARK, forest supervisor, Bellingham (WU, P-Am, GN, N).
- Wenaha.**—J. M. SCHMITZ, forest supervisor, Walla Walla (WU-Am, N); Geo. Bright, forest assistant.
- Wenatchee.**—A. H. SYLVESTER, forest supervisor, Leavenworth (WU-Am, GN).



## DISTRICT 7.

Arkansas and Florida. Office, Atlantic Building, Washington, D. C.  
H. O. STABLER, acting district forester.

## NATIONAL FORESTS.

## ARKANSAS.

**Arkansas.**—S. A. CHAPPELL, forest supervisor, Hot Springs (WU, P-WF, P); D. E. Fitten, deputy forest supervisor; C. J. Heller, forest examiner; Raymond E. Hopson, forest assistant.

**Ozark.**—FRANCIS KIEFER, forest supervisor, Harrison (WU-WF); W. F. Hill, deputy forest supervisor; R. C. Huey, deputy forest supervisor; L. L. Janes and Robert S. Wallace, forest examiners.

## FLORIDA.

**Florida.**—I. F. ELDREDGE, forest supervisor, Pensacola (WU, P); John W. Spencer, forest examiner.

## BUREAU OF ENTOMOLOGY.

L. O. HOWARD, Chief.

BRANCH OF FOREST INSECT INVESTIGATIONS.—A. D. HOPKINS, in charge.

## FOREST INSECT FIELD STATIONS.

Northern Rocky Mountain Station, Missoula, Mont., for the States of Montana, Idaho, eastern Oregon, eastern Washington, Wyoming, Nebraska, and South Dakota, north of the 42d parallel of latitude. Josef Brunner, in charge.

Southern Rocky Mountain Station. Colorado Springs, Colo., for the States of New Mexico, Arizona, Colorado, Utah, and Nevada. W. D. Edmonston, in charge.

Pacific Slope Station, Placerville, Cal., for the States of California, western Oregon, and western Washington west of about the 120th meridian. H. E. Burke, in charge.

Pacific Slope Substation. Ashland, Oreg., for the special investigation of insect enemies of forest-tree seeds. J. M. Miller, in charge.

Eastern Station, East Falls Church, Va., for the Eastern States. S. A. Rohwer, in charge.

## SERVICE CHANGES.

### APPOINTED.

EDITOR.—Publication: Edward Burkholder, proof reader; Chester A. Lindstrom, clerk.

SILVICULTURE.—State cooperation: J. A. Viquesney, collaborator.

ACQUISITION.—John W. Fox, Max McCullough, Rodney D. Brown, Vincent L. Ahern, Leonard J. Long, Archibald D. Duffie, James Gore, jr., transitmen; Roy L. McGuire, examiner of surveys.

DISTRICT 1.—Operation: Ada M. Argall, clerk (stenographer and typewriter), Flathead. District office: Milton H. Slifer, draftsman (topographic).

DISTRICT 3.—Operation: Joseph A. Barrett, forest clerk, Jemez.

DISTRICT 4.—Operation: Alfred P. Larson, forest ranger, Santa Rosa; Cyrus R. Hunter, Edward R. Tuttle, Payette, and Joseph R. Tognoni, Santa Rosa, assistant forest rangers; Frank O. Kohler, forest clerk, Nevada.

DISTRICT 5.—Operation: Elizabeth Morrisroe and Rosalie E. Westerfeld, clerks (stenographers and typewriters), district office; Ulrich Graff, topographic draftsman, district office.

DISTRICT 6.—Operation: Willard D. Johnson, topographer, district office; John M. Brown, assistant forest ranger, Chugach; Adolph Nilsson, assistant forest ranger, Deschutes; Mamie Niepold, clerk, Tongass; Stella M. Yarrow, clerk (stenographer and typewriter), Siuslaw. Silviculture: Charles H. Woodcock, logging engineer, district office.

### CHANGE IN DESIGNATION.

DISTRICT 1.—Operation: Clarence B. Swim, forest ranger to forest examiner, Pend Oreille.

DISTRICT 2.—E. Leonard Lundgren, district engineer to hydroelectric engineer, district office.

DISTRICT 6.—Operation: Robie M. Evans, forest examiner to deputy forest supervisor, Whitman; Woodford H. Babbitt, deputy forest supervisor to forest ranger, Tongass.

### PROMOTED IN RANK.

DISTRICT 2.—Operation: Robert E. Clark, deputy forest supervisor to forest supervisor, Leadville; Leslie M. Brownell, deputy forest supervisor to forest supervisor, Superior; Hiram K. Wright, assistant forest ranger to forest ranger, Minnesota.

DISTRICT 4.—Operation: Joseph W. Humphrey, deputy forest supervisor, Cache, to forest supervisor, La Sal; Rolland A. Stretch, forest examiner, Wyoming, to forest supervisor, district office; Dr. B. Bailey, forest ranger to deputy forest supervisor, Nevada; assistant forest rangers to forest rangers: Edmund B. S. Spencer, Cache; John A. Ferguson, Caribou; John A. Wood, Challis; and William M. Mace, Wyoming.

DISTRICT 5.—Operation: Sedman W. Wynne, deputy forest supervisor to forest supervisor, Cleveland; Shirley W. Allen, forest examiner to deputy forest supervisor, Lassen; William W. Gray, assistant forest ranger to forest ranger, Santa Barbara; Roy Boothe, assistant forest ranger to forest ranger, Sierra.

DISTRICT 6.—Operation: Edward S. Kerby, assistant forest ranger to forest ranger, Crater; Charles T. Beach, forest ranger to deputy forest supervisor, Siuslaw.

#### RESIGNED.

LANDS.—Franklin W. Reed, inspector.

LABORATORY.—Alexander W. Beemer, assistant chemist in forest products; E. W. Peters, engineer in wood preservation; Frank Yanker, laboratory aid and engineer.

ACQUISITION.—Carrington Macfarlane, forest examiner.

DISTRICT 1.—Operation: Dwight L. Beatty, deputy forest supervisor, Absaroka; Oral J. Berry, forest ranger, Missoula; Will M. Pratt, assistant forest ranger, Gallatin; James W. Stanton, assistant forest ranger, Helena.

DISTRICT 2.—Operation: Arthur M. Cook, forest supervisor, Arapaho; Della M. Harris, clerk, district office; Sewell S. Tibbetts, forest ranger, Minnesota; assistant forest rangers—Scott Palmer, Battlement; Guy E. Tefft, Durango; James F. Low, Leadville; Jacob J. Ellenberger, Routt; John B. Lansing, Routt; Edward H. Boughton, Shoshone; William L. Bosse, Uncompahgre; Neil Campbell, Durango.

DISTRICT 3.—Operation: Lillian A. Munger, clerk (forest), district office; clerks—Lillian H. Sutherland, Carson; Myron G. Browne, Coronado; John C. Ristine, Arkansas; Frank C. Douglas, Arkansas; Howard M. Moore, clerk (typewriter), Jemez; Thomas B. Longwell, forest ranger, Pecos; assistant forest rangers—Arthur E. Moody, Coronado; W. Eugene Goode, Datil; Clayton M. Howells, Gila. Silviculture: Norman W. Scherer, forest assistant, Fort Valley Experiment Station. Grazing: Elizabeth Roberts, clerk (forest), district office.

DISTRICT 4.—Operation: Daniel S. Pack, forest supervisor, Nebo; William F. Thorne, deputy forest supervisor, Nevada; forest rangers—Angus M. Woodbury, lands (entry surveys), Boise; Leslie L. Hammer, Boise; and Thomas M. Herbert, Fishlake; assistant forest rangers—W. Douglas Hood, Boise; Willard S. Sorenson, Dixie; Wilford Pace, Fishlake; Milton S. Rogerson, Kaibab; Riley Johnson, La Sal; Ulrich C. Pogge, Targhee; and Robert Pack, Uinta; Earl G. Fogelgren, forest clerk, Ashley; Miss Dorothy Nebergall, clerk (stenographer and typewriter), Santa Rosa.

DISTRICT 5.—Winifred E. Wickland, clerk (stenographer and typewriter), district office; assistant forest rangers—James V. Seaman, Angeles; Grant Goodale, Inyo; John J. Fiske, Kern; Leroy A. La Point, Klamath; Adelbert E. Pattan, Plumas; William C. Melone, Shasta;

William H. Thrower, Sierra; and Leonard P. Wygle, Plumas; Carl Stoddard, forest ranger, Santa Barbara; Earl V. Lackey, forest clerk, Shasta; Merritt B. Pratt, deputy forest supervisor, Tahoe.

DISTRICT 6.—John Riis, assistant forest ranger, Deschutes; Fred A. Matz, forest ranger, Deschutes; Charles T. Gardner, clerk, Tongass; Ethel S. Cotter, clerk, Tongass.

DISTRICT 7.—Robert W. Armitage, assistant forest ranger, Arkansas.

#### DISMISSED.

DISTRICT 4.—Operation: Henry A. Bergh, forest supervisor, La Sal.

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With deep regret announcement is made of the death of Irving E. Bitner, forest clerk, Cleveland National Forest, November 26, 1913.

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## SERVICE NOTES FOR JANUARY.

These notes contain instructions and necessary information to forest officers, and will therefore be carefully read and kept on file for reference.

### LAW.

#### OFFICE OF THE SOLICITOR.

##### Law Cases in District 1—

*United States v. Alfred Burns*: The defendant, a sheep herder, was prosecuted criminally for trespassing on the Beartooth National Forest with a band of sheep. On November 22 he entered a plea of guilty, and on November 24 he was sentenced to pay a fine of \$25 and costs. He was unable to pay the fine and was committed to jail for 30 days.

*United States v. Chicago, Milwaukee & St. Paul Ry. Co.*: This is a suit in equity to enforce specific performance of an agreement to execute a stipulation required by the Secretary as a condition to the approval of the railroad's right of way across the St. Joe National Forest. At the May, 1913, term of the United States District Court, held at Coeur d'Alene, Idaho, a decree was rendered enforcing specific performance and awarding damages to the United States. At the November term of the same court the defendant perfected its appeal and the case is now pending before the Circuit Court of Appeals for the Ninth Circuit, at San Francisco.

##### Law Cases in District 2—

November 22, 1913, William Mitchell and Joseph Schmidt were arrested by the supervisor of the Harney National Forest for stealing Government property, and upon hearing before the United States commissioner were remanded to jail in default of bail to await the action of the grand jury.

On November 14, 1913, Leslie Hendershot and W. A. Postlethwaite were arrested by the supervisor of the Harney National Forest for stealing Government property, and upon hearing before the United States commissioner were remanded to jail in default of \$500 bond to await the action of the grand jury.

*United States v. Pahasa Mining Co. et al.*: The bill filed by the United States in the District Court of South Dakota, seeking to enjoin

the defendants from using the Reder placer location for agricultural purposes without a permit, was dismissed on October 16, 1913, by Judge Elliott.

On October 10, 1913, the grand jury, sitting at Pueblo, returned an indictment against Sacarias Maes for grazing sheep in trespass on the Rio Grande National Forest.

On November 14, 1913, the San Juan Miguel Development Co. paid the sum of \$2,104.64 in settlement of a timber trespass on the Uncompahgre National Forest.

J. C. Gilbreath deposited the sum of \$101.68 in settlement of a grazing trespass on the Rio Grande National Forest.

*United States v. Colorado & Southern Railway Co.*: Case closed upon payment by defendants, pursuant to consent judgment, of \$273.54, covering fire trespasses on Leadville and Gunnison National Forests.

#### **Law Cases in District 3—**

On October 21, 1913, George Galvaden pleaded guilty to an information charging him with unlawful grazing of sheep on the Jemez National Forest. He was sentenced to pay a fine of \$25 and costs, \$23.20.

On November 6, 1913, Telesfor Marquez pleaded guilty to an information charging him with unlawful grazing of sheep on the Carson National Forest. He was sentenced to 30 days in jail. The sentence was, however, suspended, as the defendant had already been in jail for some time.

On December 2, 1913, Jesus Archuleta withdrew his former plea of not guilty and entered a plea of guilty to an information charging him with unlawful grazing of sheep on the Datil National Forest. He was sentenced to pay a fine of \$25 and costs, \$37.20.

In the grazing trespass case against M. C. De Baca, Manzano National Forest, judgment was entered by consent for \$114.40 damages and \$13.22 costs. The judgment was satisfied.

On October 6, 1913, an injunction was secured restraining Tobe Lacey from grazing cattle in trespass on the Chiricahua National Forest.

The grazing trespass case against J. F. Henderson, Tonto National Forest, was settled by the payment of \$72.30.

In the timber trespass case against McRae and Barret, Alamo National Forest, a judgment by consent was entered on November 20 for \$185.95 damages and \$85.20 costs. The judgment was satisfied.

Judgment in the timber trespass case against Margarito Romero, Pecos National Forest, for \$100 damages and \$372.35 costs was satisfied on December 18, 1913.

#### **Law Cases in District 4—**

*United States v. Utah Power & Light Co.*: Occupancy trespass, Cache National Forest. The United States Circuit Court of Appeals for the Eighth Circuit, by decision rendered November 14, 1913, reversed the

decision of Judge Marshall, of the District Court of the State of Utah, and remanded this case. The gist of such decision is as follows:

The result is that whatever rights to burden the public lands may have been recognized or confirmed by section 2339 of the Revised Statutes, those involving generation, manufacture, and distribution of electric power have been withdrawn, modified, and restricted by the subsequent act of May 14, 1896.

While the court held that section 2339 of the Revised Statutes was sufficiently broad to include as manufacturing the production of electric power, they sustained absolutely the contention of the Government that by the act of May 14, 1896, Congress intended and did assume complete control of the acquisition in any manner of all rights of way upon public lands needed for power purposes.

*United States v. William R. Gibson*: Timber trespass, Targhee National Forest. Defendant, who had been indicted at the May term of the district court at Cheyenne, Wyo., was tried on November 20, 1913. The jury returned a verdict of not guilty. The defendant, however, had been in jail since about July 15. In entertaining the motion to dismiss certain counts in the indictment the court held as follows: (1) That the penal provision in the act of June 4, 1897 (30 Stat., 11), is not affected by the express repeal of the original section providing the penalty which is contained in the act of June 4, 1888. The latter act is expressly repealed by the act of March 4, 1909. (2) That the penal code or the act of March 4, 1909, making a complete revision of the penal laws of the United States does not impliedly repeal the penal portion of the act of June 4, 1897.

*United States v. J. J. Blanchard*: Grazing trespass, Pocatello National Forest. Judgment rendered by the October term of the District Court for the Eastern Division of the District of Idaho in the amount of \$17.87 actual damages, \$50 punitive damages and the costs.

*United States v. L. S. Smart*: Grazing trespass, Wasatch National Forest. Defendant was indicted at the November term of the District Court for the State of Utah; charged with grazing of sheep without permit on lands within the Wasatch National Forest; later entered a plea of guilty and was fined \$100, which amount he paid.

*United States v. R. W. Brown*: Grazing trespass, Minidoka National Forest. Defendant made settlement by payment of \$8.75 actual damages and costs.

*United States v. James G. Olsen et al.*: Grazing trespass, Manti National Forest. Defendants made settlement by payment of \$36 actual damages, \$25 punitive damages, and \$43.10 costs.

*United States v. Albert Smith*: Grazing trespass, Uinta National Forest. Defendant made settlement by payment of \$174.59 actual damages and costs of suit.

*United States v. J. E. Heywood*: Grazing trespass, Sevier National Forest. Defendant settled by payment of \$533.40 actual damages, and costs not as yet ascertained.



United States *v.* Henry E. Potter: Grazing trespass, Nebo National Forest. Defendant settled by payment of \$12.50 actual damages.

United States *v.* Benarleno Oleachea: Grazing trespass, Pocatello National Forest. Defendant arrested on August 28, taken before United States commissioner at Bancroft, Idaho, and placed under bond in the sum of \$150 to appear at the next term of the district court.

#### Law Cases in District 5—

The case of Pacific Gas & Electric Co. *v.* David F. Houston et al. to restrain Forest officers from interfering with the building of a power conduit over Government land within the Tahoe National Forest is pending in the Northern District of California.

A jury in the Northern District of California acquitted Christy Lawson, a half-breed, of willfully setting fire to timber and underbrush within the Klamath National Forest.

The Wood & Sheldon Lumber Co. made settlement in the sum of \$2,494.28 for timber trespass committed during the year 1909 within the Shasta National Forest.

The National Surety Co. remitted the sum of \$600 in settlement of the damages caused by the failure of the Davis-Field Lumber Co. to carry out the terms of its timber-sale contract for certain timber on the Shasta National Forest.

The Standard Lumber Co. paid the sum of \$1,153.68 in full settlement for a timber trespass on the Stanislaus National Forest.

J. J. Fiack was bound over to the grand jury under a \$250 bond for unlawfully grazing sheep from April 1 to August 8, 1913, on the Plumas National Forest.

Do Ohtart and L. Lopeteguy were arraigned in the Federal District Court at Fresno, Cal., and, after pleading not guilty, withdrew the plea, pleaded guilty, and were fined \$25 each and costs for the unlawful grazing of sheep on the Kern National Forest.

#### Law Cases in District 6—

United States *v.* Malcolm Corrigan: Grazing trespass, Whitman National Forest. Case settled on payment of \$16.63 actual and \$50 punitive damages.

United States *v.* W. P. Allen: Grazing trespass, Malheur National Forest. Case settled on payment of \$44.56 actual and \$50 punitive damages.

United States *v.* Dr. Eberly Seeley et al.: Fire trespass, Crater National Forest. Trespassers plead guilty and paid a fine of \$25.

United States *v.* Sol Duc Hot Springs Co.: Timber trespass, Olympic National Forest. Case closed on payment of \$1,551.74 in compromise of \$5,640.41.

### OPERATION.

#### Annual Property Return—

The attention of all members of the Service having in their possession nonexpendable articles is called to the instructions regarding the



Annual Property Return on page 87 of the General Administration Manual, as follows :

Annually, on January 1, a property return will be prepared on Form 330 in duplicate by every member of the Service who is accountable for property on the records of the Property Auditor.

Members are urged to submit the return to the Property Auditor without delay, and, if not already submitted, they are requested to fill out *three* copies of Form 330, property return, instead of two copies as required by the manual.

#### **Parcel Post—**

It is found that shipments of official matter of the nature of fourth-class mail matter are being made by express instead of by parcel post. On April 18, 1913, the district foresters were informed regarding an opinion of the Attorney General that it is permissible, under the law, for an officer of the Government to send in the mails, free of postage, under a penalty envelope or label, official matter partaking of the characteristics of fourth-class mail matter, not exceeding 11 pounds in weight.

Members of the service are expected to use the parcel post to the fullest extent possible under the above interpretation of the law.

#### **Form 411—Report of Description of Horses, Mules, and Burros—**

Considerable difficulty has been experienced by the property auditor in keeping a record of the correct descriptions of animals purchased, lost, or sold. This form, which is now in press, will accompany all transactions affecting animals. It can be had from the property clerk on requisition.

#### **Record of Land Office Corners—**

The Forester has approved a scheme under which all field men are hereafter required to make careful record of each Land Office corner found or for which unsuccessful search is made in the course of the regular field season. This data will be recorded by means of three simple symbols which can be easily memorized, and are placed without loss of time on any suitable map of the forest or ranger district in which the corner is located. Forest officers attached to forests will report to the supervisors, and those officers and field parties under the supervision of the district office will report to the district forester. Procedure is prescribed under which an annual report is made from the Forests on December 15. Parties and individual surveyors report at the completion of the field work by placing symbols on the finished maps or by sending in the symbols on township or forest diagrams. In the district office the material is compared, checked, conflicts noted, adjusted, or eliminated, and the data returned to supervisors and rangers for the information of all surveyors of the Forest Service. It is believed that this work will not require an undue amount of time

and will prove a valuable aid in both the planning and execution of surveying projects of all kinds within the next few years.

## GRAZING.

### Classification of Grazing Permittees—

Permittees using the National Forests for grazing purposes acquire their preference in one of three ways: (1) By prior use and occupancy, (2) by grant from the Government as new preferred applicants, (3) by purchasing or otherwise acquiring permitted stock under conditions warranting renewal of permit. In classifying permittees on the grazing record cards, Form 621, the class to which each individual permittee belongs should be determined by the manner in which he secured his initial permit to graze stock upon Forest land. All permittees who were occupying the ranges before their inclusion within a Forest should be classified as prior users. All permittees who were granted permits as new applicants but not as prior users or purchasers should be listed as new owners. All persons who acquired their preference through the purchase of permitted stock should be classified as purchasers. If a permittee's preference was acquired partly through prior use and occupancy, partly through voluntary increase by the Government, and partly through purchase the card should show it. A permittee should be classified according to his original status; a new owner or a purchaser does not become a prior user because of several years' use of the Forest under permit.

## LANDS.

### Excepted Strips—

The frequency of neglect to follow instructions by letter L, June 21, 1913, Settlement, Entry Survey, relative to the description of the width of strips to be excepted from listed tracts for roadways and trails indicates that those instructions are either overlooked or not understood. It is required that the width should not be expressed in fractions of a chain, as, for instance, 5/11 of a chain. It is required that it should be expressed either as 1 chain, 50 links, or 25 links, as the case may be.

### Telephone Lines—

Failure is noted in many instances to comply with instructions requiring that maps showing the reservation of right of way needed for maintenance of telephone lines, constructed and used by the Forest Service, should be submitted in duplicate on *tracing linen*, and not on blue prints. These tracings, with the field notes of survey, also in duplicate, should be transmitted in a letter to the Secretary of the Interior, prepared for signature by the Secretary of Agriculture, recommending that the right of way be reserved and noted upon the records of the Interior Department pursuant to the decision of the First Assistant Secretary of the Interior, August 29, 1911 (D-17642). The telephone-line letter should be separate from the list letter embracing the lands traversed by the right-of-way reservation.

## SERVICE PUBLICATIONS ISSUED.

*Departmental Bulletin 4.*—The Reseeding of Depleted Grazing Lands to Cultivated Forage Plants.

*Departmental Bulletin 9.*—An Economic Study of Acacias.

*Departmental Bulletin 24.*—Cottonwood in the Mississippi Valley.

*Departmental Bulletin 34.*—Range Improvement by Deferred and Rotation Grazing.

Folder for Columbia National Forest.

Folder for Sopris National Forest.

Folder for Pike National Forest.

The Use Book, 1913.

Report of the Forester, 1913.

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## CUMULATIVE INDEX TO SERVICE NOTES AND ORDERS.

(JULY, 1913—JANUARY, 1914.)

[Numbers in parentheses after the month indicate page.]

Annual property return; January (90).

Appointed chief clerk of the Department of the Interior; July (28).

Classification of grazing permittees; January (92).

Color tints and crayons; July (27).

Conference at Salt Lake City; October (59).

Cooperation in securing commercial and botanical range data; July (28).

Crayons and color tints; July (27).

Excepted strips; January (92).

Fire trespass. (*See* Trespass, fire.)

Form 411.—Report of Description of Horses, Mules, and Burros; January (91).

Grazing trespass. (*See* Trespass, grazing.)

Law cases in district 1; July (24); January (87).

2; July (25); October (59); January (87-88).

3; July (26); January (88).

4; July (27); January (88-89).

5; October (61); January (90).

6; July (27); January (90).

Occupancy trespass. (*See* Trespass, occupancy.)

Parcel post; January (91).

Record of Land Office corners; January (91).

Right of way—former procedure restored; October (62).

Telephone lines; January (92).

Timber trespass. (*See* Trespass, timber.)

Trespass cases, fire, district 1; July (24).

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grazing, district 1; July (25); January (87).

2; July (25); October (61); January (88).

3; July (26); January (88).

4; July (27); January (89-90).

5; January (90).

6; January (90).

occupancy, district 1; January (87).

2; January (87-88).

3; July (26).

4; July (27); January (88-89).

5; January (90).

timber, district 1; July (24).

2; October (61); January (88).

3; July (26); January (88).

4; January (89).

5; October (61); January (90).

6; January (90).







